

# Inscomm rejects motion to dissolve, 8-6, in hot dispute over reorganization reports

## Kivisild, Mathis walk out

By Tom Pipal

The Institute Committee came within four votes of abolishing itself Thursday night, when a motion to that effect put forward by Mark Mathis '69 was defeated 8-6. The motion, which was made following more than an hour's lively debate on the structure and purpose of Inscomm, was seconded by Mike Ginzberg '69. Following its defeat, he, Mathis, Peter Harris '69, Scep Chairman, and UAP Maria Kivisild '69 walked out of the meeting; and the meeting, and possibly the organization itself, was effectively finished.

### Climax

The walkout climaxed a series of investigations and committee reports on reorganizing InsComm. Within the past three months, three separate committees were formed to examine the possibility of changing the structure of Institute Committee.

The first two committees' reports were jointly written by Steve Ehrmann '71 and presented at the first Inscomm meeting this year.

These three proposals were then sent into the second committee which was to choose among the three and make a final recommendation to Inscomm at the October 17th meeting. The membership of this committee was chosen from those present at the October 17 meeting and numbered ten. After a three hour meeting, the committee decided that the most realistic proposal was the third, to keep the committee approximately the same, Random Hall to have a voting seat, and that the membership of the Non-Resident Student Association, Athletic Association, and Foreign Opportunities Committee by Inscomm as a whole.

Upon presentation of the second committee's recommendation, a period of discussion occurred which lasted approximately one hour and covered such various topics as what are the purposes of Inscomm, why the faculty and students have such a low opinion of Inscomm as a body, and why Inscomm is not more representative of the students as a whole? It was at this time that Mathis made the motion to abolish Inscomm.

After the motion was voted down, Mathis and Miss Kivisild walked out of the meeting leaving a rather stunned and abashed group of students. In the absence of Bruce Enders '69, Secretariat Chairman, who would normally take over a meeting in the absence of the UAP, Dick Moen '69, FinBoard Chairman, re-established order, uttered a few expletives, and stated that a committee to examine the now acute problem would be formed. This committee would be open to all students and other interested parties. Its first meeting was to have been held tomorrow at 7:30 PM, in the Student Center.

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## Faculty examines credits, local housing, consortia

By Steve Carhart

MIT President Howard W. Johnson devoted a major portion of the October faculty meeting, held last Wednesday, to a discussion of two important issues facing the Institute: the Cambridge housing question and MIT's multi-institutional affiliations. Other matters, mostly routine, were also handled, including the upgrading of all upperclass humanities courses to nine units, effective with the class of 1973.

One point that President Johnson stressed in his message on housing is the role of leadership that must be taken by the city of Cambridge. He also reported that he had written the Mayor of Cambridge urging the city to assume leadership in solving the housing program and indicating the Institute's willingness to co-operate.

The president went on to discuss the Institute's various other involvements in the Cambridge Housing situation. Among the activities that the Institute has supported in relation to the solution of the problem of Cambridge Corporation, a joint venture undertaken with Harvard. Another venture to which the president alluded was the development in north Cambridge of a non-profit apartment complex for local residents. This development will be located on the site of the Beckwith-Arden factory, which will be relocated.

### Northgate

Another example of Institute involvement in Cambridge which was cited by the president was the Northgate Corporation. Northgate purchases buildings for the purpose of providing inexpensive housing for the MIT community and, according to the president, is intended to act as a moderating influence in the pricing of

housing. In the future, Northgate will engage in a program of new construction which is intended to add to the housing stock of Cambridge. These new apartments will be open to tenants unconnected with the Institute, though the primary purpose of these programs is to enable more Institute faculty to live in Cambridge. Another aspect of this effort to encourage faculty to live in Cambridge is the house purchase program, which acquires residences for resale to the faculty at cost.

Although an exact census has not yet been taken, the president reported that approximately 3,050 MIT students live off-campus, about two-fifths of which live in Cambridge and may compete with low income residents for Cambridge housing. The president went on to cite the construction of Eastgate, McCormick East and MacGregor House as evidence of the Institute's efforts to house its students on campus. In the next few years, the Institute plans to construct housing for 1400 additional students providing that the funds become available.

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## TSE revisions attempt to create improved image

By Dean Roller

As one passes the intersection of Massachusetts Ave. and Vassar Street one is immediately struck by the contrast between worn red bricks and rusted iron grating, and bright new red and white signs flashing the calling card, TSE. Within resides Technology Student Enterprises, the one organization which has at once aroused more curiosity and suspicion on the part of the MIT community at large than any other such activity. Yet a clear attempt has been made over the past months to allay much of the misgiving which it has faced throughout its short history.

Technology Student Enterprises was created as an independent chartered corporation by the Dean's Office and the Institute Committee with the purchase of \$5000 of TSE stock by MIT. At that time, its purpose was to be basically twofold, that of providing entrepreneurial experience for interested students and in addition performing services at low cost to the MIT community. TSE was thus recognized as the only legal profit-making organization at MIT, in itself enough to make its relationship with the undergraduate community one of continuous apprehension. A great deal of the suspicion surrounding TSE (i.e. that they are taking advantage of the MIT community) is unfounded. TSE's management in the past has been entirely too unconcerned with revealing information to the undergraduate community when complaints were voiced. It has also not been effective in communicating its proposed plans to student government when those have at times been counter to what student groups may be attempting. Indeed several specific instances have been revealed over the past years which have severely tarnished the TSE image. One proposal that was put forth was to give TSE a non-voting seat on Institute Committee. This proposal received

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Vol. 88 Number 38 Tuesday, October 22, 1968 Five Cents

### Is Einstein right?

## Relativity to be tested by Quasar experiment

By Joseph Kashi

Einstein's General Theory of Relativity is about to be retested by scientists at MIT Lincoln Labs. The team, headed by Professor Bernard Burke, will attempt to measure the shifting of beams of light from quasars under the influence of the sun's gravitational field.

Einstein predicted a shift of about 1.76 degrees of arc, which is approximately twice the shift predicted by Newtonian mechanics. If the shift is not coincident with that predicted by the General Theory of Relativity, intensive investigation into Einstein's theory, which is the basis of modern physics, will result. The only attempt to confirm this part of Relativity was performed by Sir Arthur Eddington in 1919, but the results are of questionable accuracy.

The Lincoln Lay group, composed of Professor Burke, Professor Irwin Shapiro, Dr. James Moran, Hans Hinteregger, Curtis Knight, and Alan Rogers, will utilize radio telescopes which are capable of far greater accuracy than optical equipment. This increase in accuracy is due to the lessened effects of atmospheric distortion at the frequency of the telescopes, 1.67 Giga-Hertz. The telescopes will be able to accurately resolve objects which subtend an angle of one ten-thousandth of a second. This is about four orders of magnitude greater than optical equipment of equivalent objective diameter.

Basically, the experiment will consist of recording interference patterns by a haystack radio telescope at Lexington, Mass. and a 140ft. parabolic antenna at Green Bank, West Virginia. Two atomic clocks which the same error at a negligible amount during the recording of the emissions the angle relative to the sun will be used. The tapes will then be compared, and interference patterns will be computed electronically instead of by optical methods.

A Frequency of 1.67 GHE was chosen as there is a very sharp series of lines, each 1 KHE wide, in the hydroxyl spectrum at this frequency. The sources, which are about one ten-thousandth of a sec. in diameter are considered to be the initial stage of stellar evolution and are located in the Orion Nebula.

Quasars will be used in the first attempts, as they represent exceptionally distant radiators, if the red shift in light frequency is accepted at face value. Quasars vary in size from 10<sup>-3</sup> to 10<sup>-1</sup> arc-seconds. It is hoped that the experiments will also explain

the true nature of quasars. The two most widely accepted theories dealing with quasars suggest that 1) quasars represent a cosmological catastrophe (the red shift is often equivalent to .8 or .9 times the speed of light), or 2) they are local (about 10 million light years away) phenomena, with exceptionally high densities and gravitational fields.

General Relativity has not been confirmed by as many accurate experiments as scientists might wish, therefore, the experiments performed at Lincoln Laboratory will be of great consequence. They will be far more reliable than the original confirmations of Relativity because angular shift will be measured to greater accuracy and the experiment might be repeated easily under controlled circumstances.

### Funds lacking

## Runkle repair needed

By John Dulcey

An unfinished plaster job and delayed paint order is the cause of dissatisfaction among some students of Runkle Hall of Senior House. In an interview with The Tech, James Ebright '69 discussed living conditions and related events which preceded the present controversy.

### Painting overdue

At the beginning of 1966-67, the Campus Housing Office recognized the need for repainting the then battle-ship gray interior and, according to Ebright, promised to paint Senior House halls.

Finding the halls unpainted in fall 1967, the students organized a painting party. The group worked weekends until the Runkle sixth floor was painted Viking-red with bronze gold trim.

The house government had filed complaints with the Housing Office about paint peeling and shower leaking. In the meantime, the second floor of Runkle had organized and painted that floor blue and yellow with enamel paint. Dick Hodgman, head of student facilities committee, organized a tour of Senior House for James Gross, Administrative Asst. of Campus Housing, and several architects. They agreed, the house needed improvements but were dismayed because the students who painted the Runkle sixth floor had used a latex paint, and the architects said painting over it with oil based paints was impossible. Seeing the area above the stairwell painted also shocked the administration personnel because of the danger involved in painting it.

### No funds

It was at this time, says Ebright, that Lawrence Bishoff, Director of Dining and Housing, promised to do something. The only reason the work could not begin immediately was money shortage.

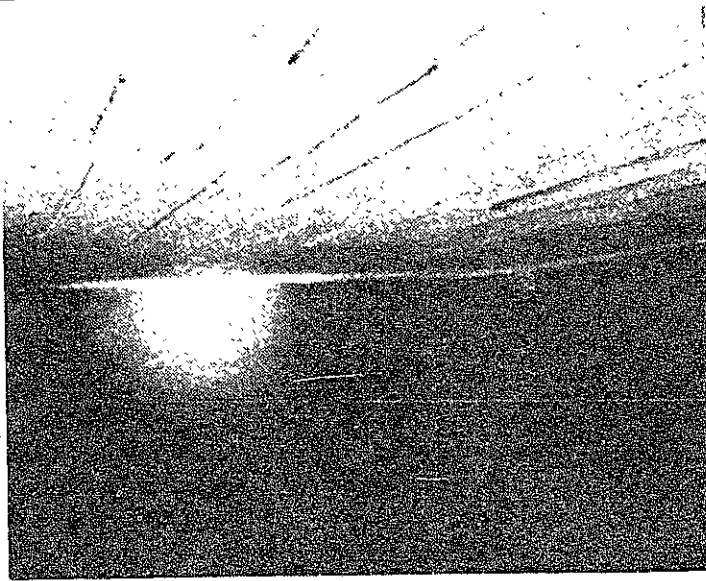
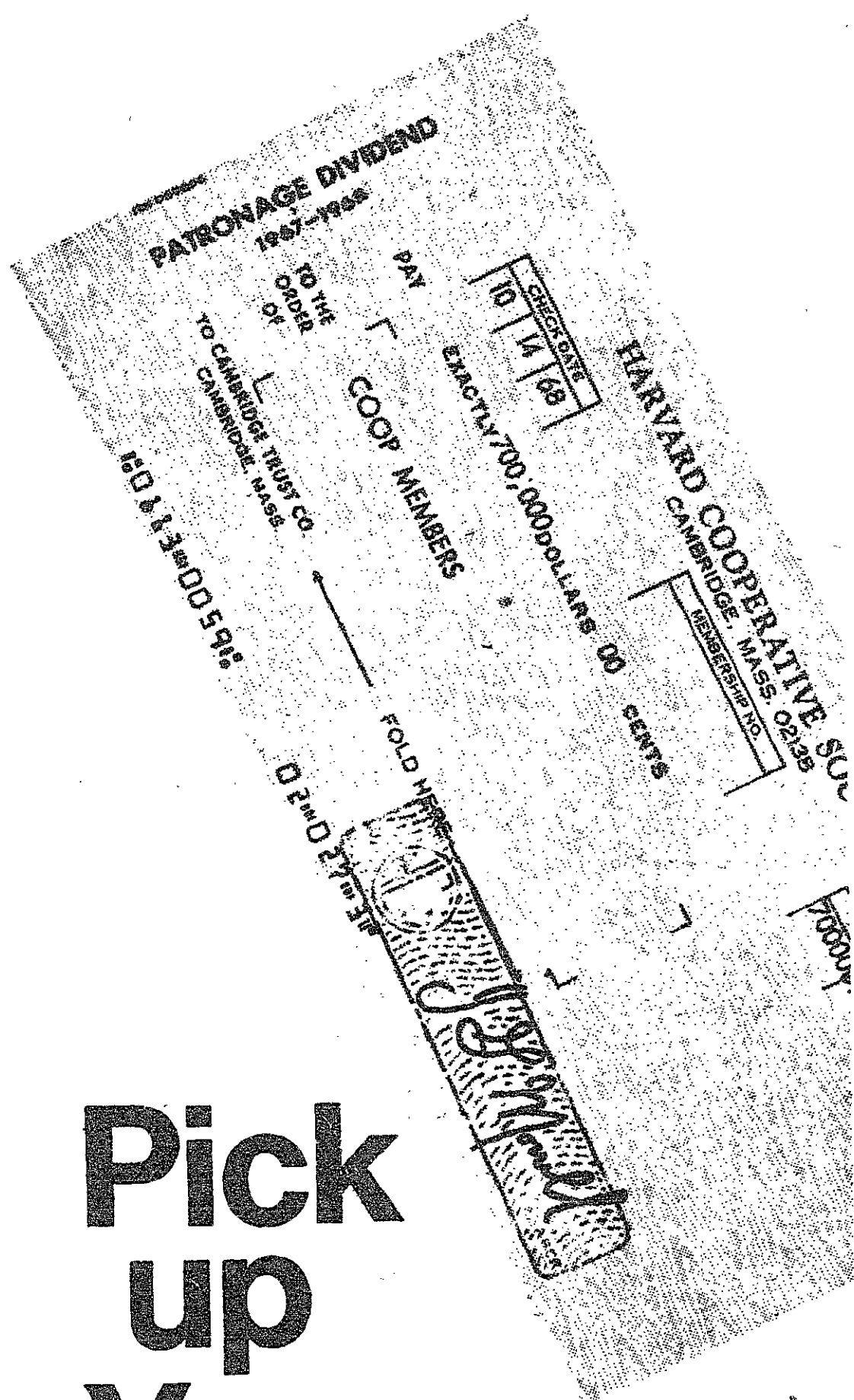


Photo by Jim Ebright

This ceiling on Runkle 6th floor has been the cause of disputes between students and physical plant—it isn't painted.

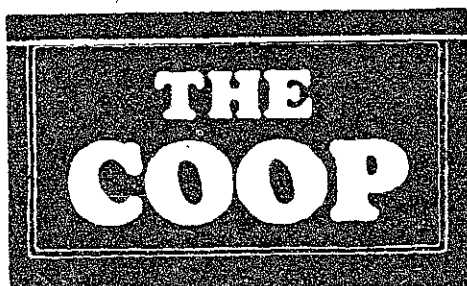
The Housing Office did, however, allow an architect, Harry Ellenzweig, to come in and discuss with the students, color schemes. In several meetings, the final color schemes were worked out, Ebright claims that the students were still dissatisfied with the color scheme, but because of increasing apathy, finally agreed. Jerry Gross, on the other hand, says that despite all the meetings with the architects, the students finally agreed on an off-white color for the ceiling and green stripe where hands touch the walls in the halls. This scheme, says Gross, was suggested by the architects originally but the students disliked it at first. The students then changed their minds and wanted it.

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# Pick up Your Share

On October 14th, Coop members can pick up their share of the annual patronage dividend (\$700,000) at any one of the Coop Stores' Cashiers' Desks. Starting November 1, the Coop will begin to mail checks to the members.



**HARVARD SQ.** 8:50 - 5:30 Mon. - Sat. Open Thurs. 'til 9. One hour free parking Church St. Garage with purchases \$3 or more. **M.I.T. STUDENT CENTER** 8:50 - 5:30 Mon. - Sat. Sat. free parking in three adjacent parking areas **CHILDREN'S MEDICAL CENTER** Longwood and Brookline Aves. 9:30-6 Mon. - Sat. Parking available at Medical Center and Deaconess Hospital garages. **"B" SCHOOL** Mon. - Fri. 8:20 - 5.

## Announcements

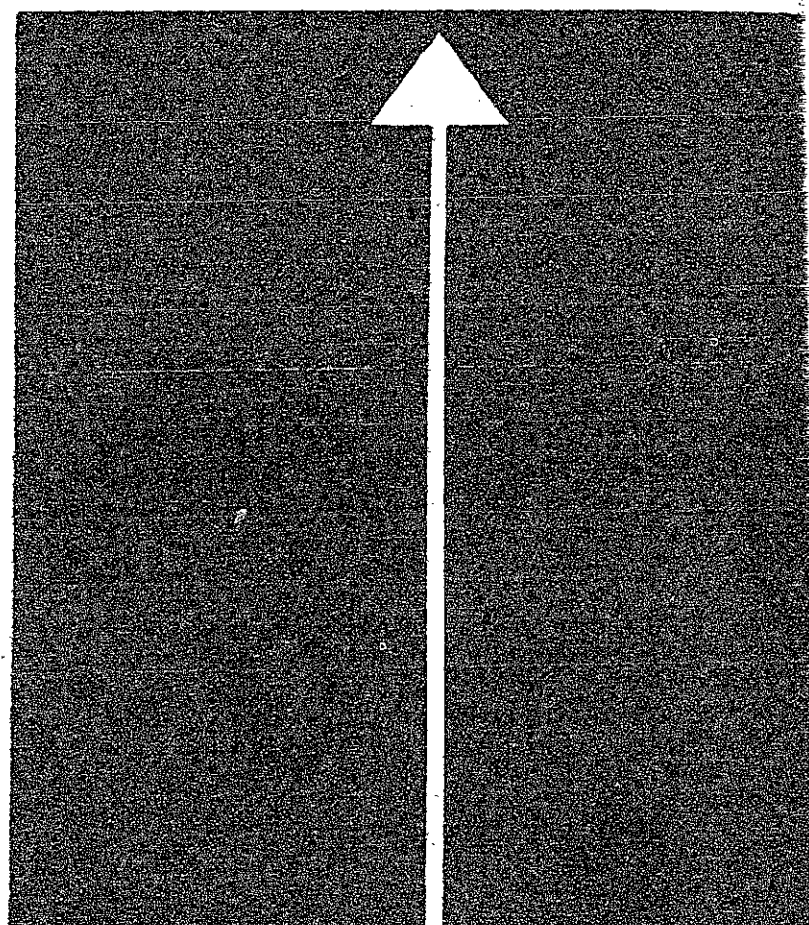
\* A team of Canadian experts will talk to Canadian students about what has been happening since they left. The meeting will take place in the Planning Bureau, E19-455, 4-6 pm and 8-9 pm.

\* The annual Hillel Regional Institute will be held on campus October 22-23. The theme of this year's conference is "Creating Modern Jewish Ritual." The conference will be discussed in seminars and two lectures, open to the public. Boruch will speak at 8 pm Friday night, and Dr. Mordecai Kaplan will deliver the address at 2 pm Saturday, both John King, who conceived and directed the project, and Dr. Malcolm.

\* A Rally will be held in Harvard Yard at 4 pm tomorrow in support of the insurgent slate of Coop Directors. The group plans to march from the Yard to the site of the Coop Annual Meeting at the Cambridge High and Latin School at 1000 Massachusetts Ave. In order to vote at the Annual Meeting, potential. Due to overlapping fall semester and the need for concentration.

\* TRW Inc. is presenting the London-Broadway stage comedy of the George Bernard Shaw, "By George," on Monday, October 28, at 8:30 pm in the Kresge Auditorium. "By George" stars the distinguished British actor, Adrian, in his much-acclaimed role of Shaw which he created in 1966 at the Edinburgh Festival.

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Ideas from within

## Corporate branch will generate innovations

(Continued from page 1)

fixed reaction in both student government and TSE. Another proposal has been to create an informal management for the president of TSE meet at specified instances with the Executive Committee to exchange new information about TSE and Incomm projects. The question of TSE, however, has been more than one of communication. Rather, it is a series of questions concerning philosophy, organizational control, and organizational responsibility.

Dennis Bovin ('69), President of TSE states that programs and reforms have taken shape which will help the organization reform its tattered image in the months to come. Indeed many of the problems which had troubled TSE are no longer in effect. One of these was the emphasis placed on living group affiliation in choosing new leadership. SAE has supplied the last three full-term presidents, and Bovin himself assumed leadership only after the resignation of Jack Anderson ('69), another SAE. Bovin told The Tech that such procedures are a thing of the past and more than ever emphasis is being placed on recruiting reputable and industrious people into the organization regardless of residence.

The core of TSE is composed of a small group of men called Central Management which consists of the President, General Manager, and three Vice-Presidents including (a) Corporate Development, (b) Operations, and (c) Personnel and Public Relations. In addition there is a Board of Directors which includes Dean Wadleigh among its members, as well as representatives of large corporations. The main problem TSE has faced in the past has been the fact that innovations for new services have come from people outside of the organization who would like to perform a particular service at a profit and may have been attracted to TSE.

TSE offered such advantages as free use of all publicity facilities at MIT including bulletin boards, booths in Building 10, and use of the MIT mail system as well as such services as office space, secretarial services, and managerial aid (e.g. bookkeeping) all at low cost. This plus free advice from students far more experienced in the marketing industry provided an attractive offer for individual entrepreneurs to come under the TSE umbrella. The organization offered

any such new agency limited liability since an agency manager was not responsible for financial losses incurred, yet he reaped most of the profits. Then, however, as soon as the agency grew large and profitable, it would sever its ties with TSE. Several attempts have been made to stop this trend. First, the Corporate Development Branch is entrusted with the responsibility of generating new innovations rather than waiting for new ideas from without. Secondly, if a useful suggestion is provided by an individual outside TSE, he becomes manager of an organization staffed and strictly regulated by TSE personnel. He must also sign a contract stating that in the event of severing ties with TSE he may not take any money or personnel with him. A tighter financial setup has also greatly restricted losses among the member agencies by holding managers more responsible for why losses are being incurred.

TSE's financial problems are not yet a thing of the past. Although it paid well over \$10,000 in wages last year, the net profit returning to the Corporation was only \$750 on a gross total of services and products totalling \$235,000 dollars. Bovin emphasizes, however, that the emphasis of TSE is to give its members experience and provide service to the MIT community rather than "milking" it financially. Thus there has been no desire to go cooperative as has its predecessor at Harvard, the Harvard Student Agencies.

### Off-campus living?

## Seminar to poll dorms

The Seminar of Social Inquiry will distribute a questionnaire Wednesday to measure the potential of on-campus undergraduates who would prefer to live off-campus in apartments: a major factor contributing to high rents in Cambridge.

The rents in Cambridge, as any student looking for an apartment will attest, have risen unreasonably in the past year. While this is a source of discontent to prospective student renters, it is of more immediate concern to the residents of Cambridge, and in particular the elderly, of whom 57% are now spending more than half of their limited income on rent. This

problem is visible in the currently active movement for rent control in Cambridge.

One of the major causes of high rents is the influx of students into Cambridge apartments, over 1200 of them MIT students. Obviously, three students can afford to pay more than one elderly couple for an equivalent apartment. As a result, the student population increases in Cambridge, and

the residents are forced out as rents continue to rise.

This questionnaire was run in East Campus with 46% response. A better response is necessary to procure a real number of students interested in finding apartments. This will add weight to the Seminar's push with other community groups to find a solution to the problems that underlie the surface issue of high rents.

## Experimental physics course covers normal 8.03 program in one month

By Joseph Kashi

Completing 8.03T(S) in one month won't become the standard method of teaching sophomore physics at MIT, but the feasibility of such accelerated courses was proven during a recent experiment. Professor John King, who conceived and directed the project, and Dr. Malcolm Parlett, educational evaluator, presented the results of the course to about 75 members of the Physics Department at an educational colloquium last Thursday. Professor Jerrold Zacharius prefaced the presentation with an address relating the reasons and necessity for such attempts to find a medium in which students may develop to their fullest potential. Due to overlapping faculties and the need for concentration upon course, concentrated was developed and put into effect from June 3 to June 28, 1968.

The initial course was originally limited to 15 volunteers, but later expanded to 20 students. This was the maximum number which Professor King believed would be practical for an unusual course which depended heavily upon personal student-faculty contact. The Committee on Curriculum Planning was instrumental in selecting 8.03T(S) as the subject to be used for evaluative purposes in concentrated study.

8.03T(S) was chosen so that it would become part of the physics curriculum for the students, and because of the availability of standard texts. The course is eventually intended for a small percentage of those MIT students who would rather take this course than standard 8.03T. Although the material included will be quite similar, mechanical vibrations and electromagnetism, the teaching method is dissimilar. Twenty meetings, consisting of lectures, a great deal of library work, problem-solving sections, and "playing with apparatus" comprised the bulk of the course. The "playing with apparatus" sessions were designed to familiarize the students with the use and handling of various types of experimental equipment.

The staff included Professor King, various graduate students, and a secretary to provide copies and necessary communications with the Institute. Conferences were generally held in Building 4, and extensive use was made of

20 students

The staff included Professor King, various graduate students, and a secretary to provide copies and necessary communications with the Institute. Conferences were generally held in Building 4, and extensive use was made of

## SOSI shows Columbia

By Don D'Amico

Last Thursday the Columbia Program was held as part of the SOSI Series. Newsreel no. 14, a film made by Columbian students concerning the Columbia situation last year, was shown as a basis for the panel discussion after the film. The panel consisted of students from both MIT and Columbia; teachers from Columbia, Harvard, and MIT; and the editor of the Newsreel. However, the panel set-up soon dissolved and gave way to discussion and debate with the audience.

The triggering incident in the Columbia affair, as brought out in this discussion, was the school's proposal to build a gym on the site of a playground in a predominantly Negro neighborhood. Although the university planned to reserve floors of the building for neighborhood use only, the plan met with severe disapproval on the part of the neighborhood and the students. Deeper issues soon were on the scene. The students protested violently to like, as the film put it, in a university run by a

## Hayden acquires new contemporary sculpture

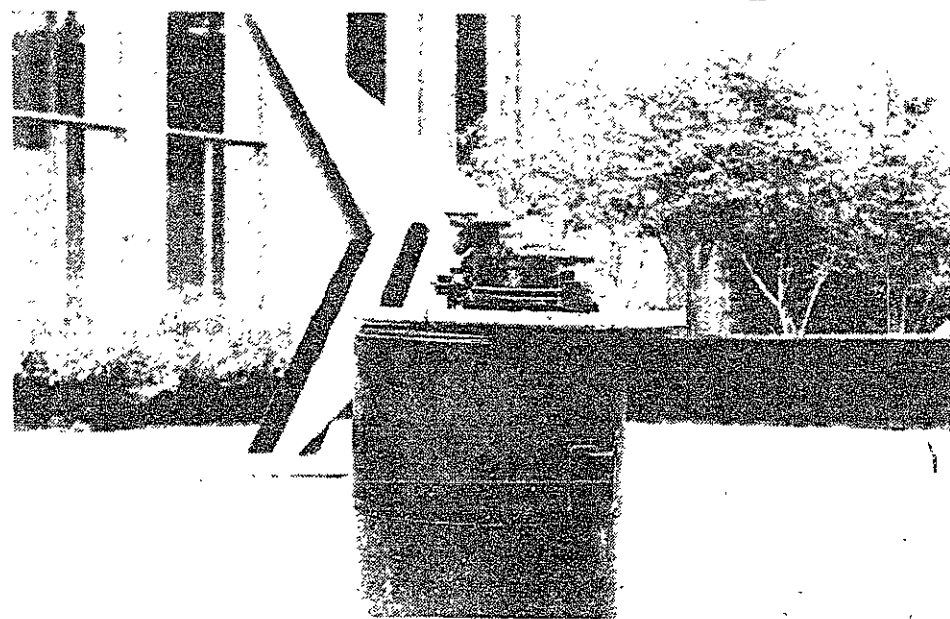


Photo by Jon Borschow

This striking piece of modern sculpture (foreground) appeared without fanfare in the Hayden Gallery this weekend. Its source has not been established, but its style is reminiscent of that of Kelsen A. Tóree. Prof. Wayne Andersen, Chairman of the Faculty Committee on Visual Arts, was not available for comment.

group of detached trustees bent on securing finances. Moreover, to secure these finances, the university acquired a number of military contracts, many of these being directly concerned with the Vietnam War. The students objected to this as turning the university into a tap to use the students and their efforts to possibly objectionable ends. The students felt that they were denied any initiative or influence in their own university.

In an attempt to make their opinions known, the black and the student factions took bodily control of Avery and Mathematics Halls, along with several other school buildings. The blacks were there primarily to stop the gym, the students to confront the administration.

During these days of occupation, the students were adamant on their position that the university was a "war machine." It appeared that the administration maintained an outwardly calm attitude. The faculty was caught in between.

The students stated their own basic position as follows: They had taken away the buildings from an illegitimate and irresponsible administration. The gym was being built against the will of the people of Harlem. They refused to play the game called "Trustees," i.e. business men - Pres. Kirk - napalm.

The buildings were finally cleared, and the usual charges of police brutality occurred.

The panel stated that the main purpose of showing Newsreel no. 14 was to "turn on" the MIT and other students watching it to what they felt were serious wrongs in the current educational system in this country. The circumstances at Columbia led them to an immense demonstration and takeover. They do not ask MIT students to do the same; they only wish to have us examine our situation and see if it agrees with the basic concepts of education and learning.

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# Of the students...

Last Thursday Inscomm was made inoperative when UAP Maria Kivisild and three other members walked out of its meeting. The meeting was then adjourned by the temporary chairman Dick Mohen. There are now many arguments over the constitutionality of the situation, but the fact remains that Inscomm is presently non-functional.

The dissidents promptly called for student support for their position, as well as for a meeting open to any interested student to discuss future action. This is why we support the dissidents' position-the opportunity for every student to have his say in the creation of a realistic student government.

This is an opportunity for the students instead

## Guest Editorial

# Inscomm and Education

Student government should be concerned solely with the education of the student body. By education, we are, referring to any aspect of a student's life that contributes to the knowledge, wisdom or character development of the student. These aspects range from academics, environment, and extra-curricular activities, to all social interactions. The relative importance of each of these factors is impossible to access until one is far away from the University environment. It is apparent, however, that extremes in any direction are detrimental. The student who engages only in social activities is going to be as poorly educated as the student who studies full time to maintain a 5.0 cum. Likewise, a student government that has limited representation of all aspects of education can't help but fail.

We do not suggest that student government should try to educate a small electorate in all aspects of education and breed mediocrity amongst its membership. Rather that it should strive to get equal representation from all factions that contribute to a student's education rather than trying to get equal representation for each student.

It is important to realize that the student body includes all members of the University community. There are certain problems that are unique to Undergraduates, Graduates, Faculty members or Administration and there is no reason why business can't be conducted at times by each group separately. However there is no magical change from

of the bureaucracy to voice their opinion. Maybe student government could speak for the students to the administration instead of with the administration. Maybe the subjects of parietals and commons could be meaningfully presented to the administration.

The meeting also provides a forum where a new student government could be created instead of a simple restructuring of the old one. This opportunity must not be allowed to pass. Anyone with an idea about restructuring student government should attend the forum. To quote the dissidents, "Remember-without you support, this move cannot succeed."

GA

an Undergraduate student to a Graduate student or from a Graduate student to a Professor. We are all students, striving at times by very different and at other times by very similar means to further our education. Therefore student government needs to involve all members of the community. Because a town meeting approach would be impractical, the selection of representative is essential. This can best be accomplished by eliciting representatives from all of the University's subcultures with the one stipulation that the group is relevant to a student's education and that the representative is willing to work in a responsible way. The meetings should be devoted to interchanging of ideas and discussion of relevant issues. The only justification for student government is the fact that education is an active involvement of all people and not a passive reception of input by Undergraduates and Graduates from the Faculty under the auspices of the administration. Students who feel there is no purpose in student government are automatically cutting off a major part of their education. A University is a highly enriched environment that maintains certain teaching practices for convenience sake, but there is a lot more to education than classrooms and there is a lot more to student government than now exists.

Peter Q. Harris '69

Chairman, Student Committee on Educational Policy

# Hubert, oh Hubert...

By Jim Smith

Long after his expected drubbing two and a half weeks from now, Hubert H. Humphrey will probably be the subject of deep academic analysis to determine his "subversion" away from the liberal camp which he used to champion. Currently, liberal academicians are more disgruntled than they are intrigued by the evolution which the Vice President has undergone since assuming the Number Two post four years ago.

On one side there is the argument that he has not evolved, that in fact his liberalism never extended past domestic issues, especially not into foreign policy. Humphrey has never been in the position of questioning this country's past or current actions so much as in the position of outlining new directions in which the country must go domestically.

Humphrey, as a Senator, supported the Anti-Communist Control Act of 1954, an amendment to the original Internal Security Act of 1950 which Richard Nixon sponsored.

On the topic of Vietnam, Humphrey's phraseology counters any explanation that he is really a dove who cannot sever his political commitment for practical reasons. Sen Eugene McCarthy and he are as much as speaking separate languages in their negotiations for accommodation. Humphrey speaks negatively of "imposing" a coalition on the South Vietnamese by admitting the Viet Cong and peace forces into the political system. The wording implies that every communist sympathizer in the South must have come from the North, and that the current, one-sided government is not itself "imposed" upon there elements.

If one were really at attack Humphrey's defection from the liberal camp, he hardly need turn to the question of Vietnam. The Vice President's domestic "liberalism" has on its own assumed a vacuousness which is out of tune with a founder of Americans for Democratic Action. Humphrey seems hardly sensitive to the fact that when he boasts of Model Cities he is boasting of a program which has actually worked against the

poor rather than for them and has the condemnation of many civil right groups.

Humphrey has followed President not only on his foreign policy but on not speaking out against number of items which have turned liberal legislation bitter. Take some topics of local concern here in the District of Columbia:

While Humphrey made a big show last year in lighting up city playgrounds for a couple hours after dark, he failed to put his prestige against a highway program that was continuing to displace poor neighborhood after poor neighborhood in the interests of suburban commuters and the lobbyists.

While he did the "little things" suggest doubled garbage collection in the slums and getting the Federal Government to clean up its own property, he took no observable stand on such larger issues as: a tax structure which allows 367 Americans with incomes over \$100,000 to avoid taxes at all; a 4 percent sales tax (including food) imposed by Congress on the mostly black residents of Washington; a military conscription law which discriminates against the blacks, suspends all early adult males a decade of uncertainty, and even hinders businessmen seeking permanent employees; a food stamp law which degrades the poor by including cream and exempting soap; or Department of Housing and Urban Development which has yet to construct a single low-income unit according to a Congressional report.

Regardless of Vietnam (even to the extent of its dissipation of domestic funds), what happened to the Hubert Humphrey who delighted in the opportunity to expose inequities and nearsightedness?

Arthur Waskow, Washington "troublemaker" and resident fellow at the Institute for Policy Studies, gives his explanation: Humphrey is like a laborer who has been pushing a stone up the hill for so long, with his nose to the stone, that his own face has turned to stone. "He has become one of those he was fighting," concludes Waskow.

# Letters to The Tech

Witness?

Bias

To the Editor:

Last week I noticed signs around MIT asking for eyewitness accounts of the action in the streets of Chicago during the Democratic National Convention. Two Harvard Law students were collecting that information. I added a note to each one to the effect that the stories anyone offers to them about his or other persons activities in Chicago could be used by the FBI and sundry other "law" enforcement agencies against that person and/or others in a possible Federal crime suit directed against them.

classified ad of the Tech (10/15/68) asked for the same information as the signs. I wrote this letter to anyone who might be tempted to answer that ad.

DON'T.

These two people may be legitimate. I don't really know. However, according to a Wellesley sister of ours, they were hired by a Harvard prof who is gathering data for the President's Commission on Civil Disorders. No matter how legitimate the gathered information is, it is available to those law enforcement agencies - with or without the acquiescence of the professor.

Don't tell your story - shshsh.

Bill Saidel '69

To the Editor:

Your October 15 edition contained such a tremendous deluge of printed hate and journalistic abuse that public rebuke seems necessary.

In a minority opinion editorial, four members of the Board of Directors, attempt an emotional catharsis, by spilling out their political venom on Richard Nixon. Albeit freedom of the press must be vigorously defended, this disgorging of accusations and character assassinations seems more likely to be found in a nursery of whining infants than on an editorial page. By carefully slurring Nixon with apposite nonchalance, the four authors of this ill-worded diatribe try to impress their readers with the universal acceptance of their own particular beliefs. More overtly, they accept the self-offered torch of divine leadership to call for a display of "our opposition" (note the role of Prophet for Youth) to Nixon. If these four were to conduct a little research prior to purging their souls through the press, they could not

chastise Nixon for failing to speak on the issues. Has Nixon ignored the electorate by passing up the primary elections like Hubert Humphrey? These four bothered to understand Nixon's courageous confrontation with Communists in Caracas as Vice President (after which the popularity of the U.S. soared) they would not think of twisting facts to use the incident as ammunition against Nixon.

The power of the pen wields strong and often overpowering plea to be exercised. But it is a sad commentary on the press when journalists succumb at its beck beyond sensible bounds.

Jim Sholer '70

(Prod'n. Mgr. note: I wrote it as I saw it, and nothing which has happened the succeeding or preceding weeks induced me to change my mind. MEW.)

Front page photo of Maria Kivisild by Al Goldberg

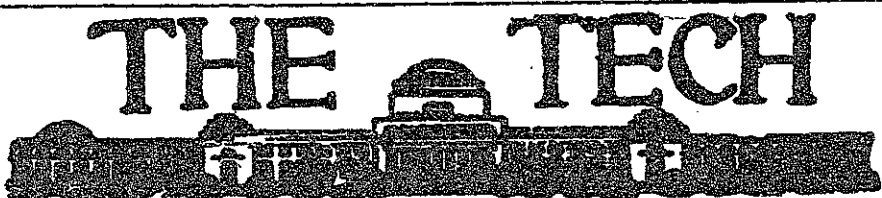
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Vol. LXXXVIII, No. 38

Oct. 22, 1968

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# Industry praised at Sloan Convocation

By Karen Wattel

(Ed. note: This is the second of a two-part article on the Sloan Convocation, October 8-10. The first part appeared on October 15.)

Chairman of the Board Killian kicked off the Friday afternoon session commending the initiative, skill and imagination of business and industry in stepping up to some of the problems of the cities. He gave as an example the Boston coalition group formed by former Mayor John Collins, comprised of many businesses and industries. The non-profit Boston Urban Foundation, the first of its kind in the country, was set up to collect funds to make low interest loans for business enterprise. A skills group including many Boston bank financial officers volunteered to work with the young companies. In addition, the foundation makes a loan, a group of banks will come together to supplement the loan commercially, to provide the total capital needed to get the new enterprise under way. "This is the kind of managerial initiative it takes to deal with urban problems," Killian said.

## Cambridge Corporation

He also told one of the newest MIT efforts, the formation, with Harvard, of the non-profit Cambridge Corporation whose purpose is to produce reasonable housing for the elderly and the poor, suggesting that we look to institutional arrangements to bring resources to bear.

He called the impact of science and technology on society an international problem and noted the need for the formation of a National Board for Technical Assessment.

Killian finished on an optimistic note, that

with the combination of scientific knowledge and managerial talents we can solve these problems.

## Charles Meyers

Charles Meyers, Sloan Fellow, Professor of Management, considered what developments are likely to occur in the next decade that will have significance for management. The four about which he spoke were changes in the composition of our labor force resulting from better-educated and differently motivated employees; rapidly increasing use of the computer in managerial areas; further crises in our cities; and expanding opportunities as well as problems for multi-national corporations.

The labor market over the next ten years will have a significant decrease in the managerial labor supply while all other segments will be growing. The youngest group will be much better educated and will have many more options than their predecessors, and ways will have to be devised to challenge and interest them, Meyers warned. Another problem which will arise will be the management group reaching retirement age. Should older retirement limits be established? Should men retire from one job and pick up another one? Meyers left these questions unanswered.

## Computers discussed

However, he continued to pose more questions. Will the computer take the manager's place or will it relieve him of certain aspects of his job leaving him free to concentrate on other facets of it? Will computers be used for more confinement or more freedom? Meyers theorized

that managers will become more involved in urban problems and that there will be more joint work between government and business. He talked of the establishment of data banks to help get better models for simulation, and the problem of who will have access to what information. He talked of the potential of the present hard-core unemployed and added that it will require public policies to continue growth and keep down unemployment and the consequences of urban unrest.

John Collins, Visiting Professor of Urban Affairs and former mayor of Boston surveyed the potential of the management sector in the urban section.

Until recently, he noted, the urban problem had loomed so large and the programs to combat it so small, that people have supported them without much thought. But with a national commitment, more than intuition is needed. The public sector, Collins stated, cannot do the job alone. The private sector must insist that the public sector offer the right incentives to involve the private sector; profit motivation is the honorable way. Full participation from every segment is needed. Default to the city mayors or the federal government is not enough.

## Wood speaks

The final speaker of the day was Robert C. Wood, Under Secretary of the U.S. Department of Housing and Urban Development and Head of the Department of Political Science (on leave.)

This year sees us moving into stage two of our efforts to mobilize the public and private against

urban problems he said, we have recognized and acknowledged an urban problem and have even passed a few experimental probes.

Much has been done over the past three years since the HUD department was created. \$400 million in appropriations have grown into \$2.4 billion. The model cities program has turned from an idea into a law and an actuality. The first rent supplement experiment has gone through; the ground rules have been changed, and what was once fought vociferously is now endorsed by all.

The last legislature is now known as the most liberal urban aid Congress because the 1968 Housing and Development Act was passed. A move has been made from qualitative to quantitative consideration of the problem. Under the act year by year specifications have been mapped out, including where and how units are to be built. The rate of next year's production will be twice that of the present and ten times that of 1965. By 1980, if followed, there will be no more substandard housing.

An effort will be made, according to Wood, to solicit entrepreneurship, to bring business into building housing for the poor. A national partnership would be formed in which national corporations can invest and then form local partnerships.

Wood noted too that the Secretary of Housing and Urban Affairs can now declare systems obsolete and move forward without being tied to everything already there. For the first time also,

(Please turn to page 12)

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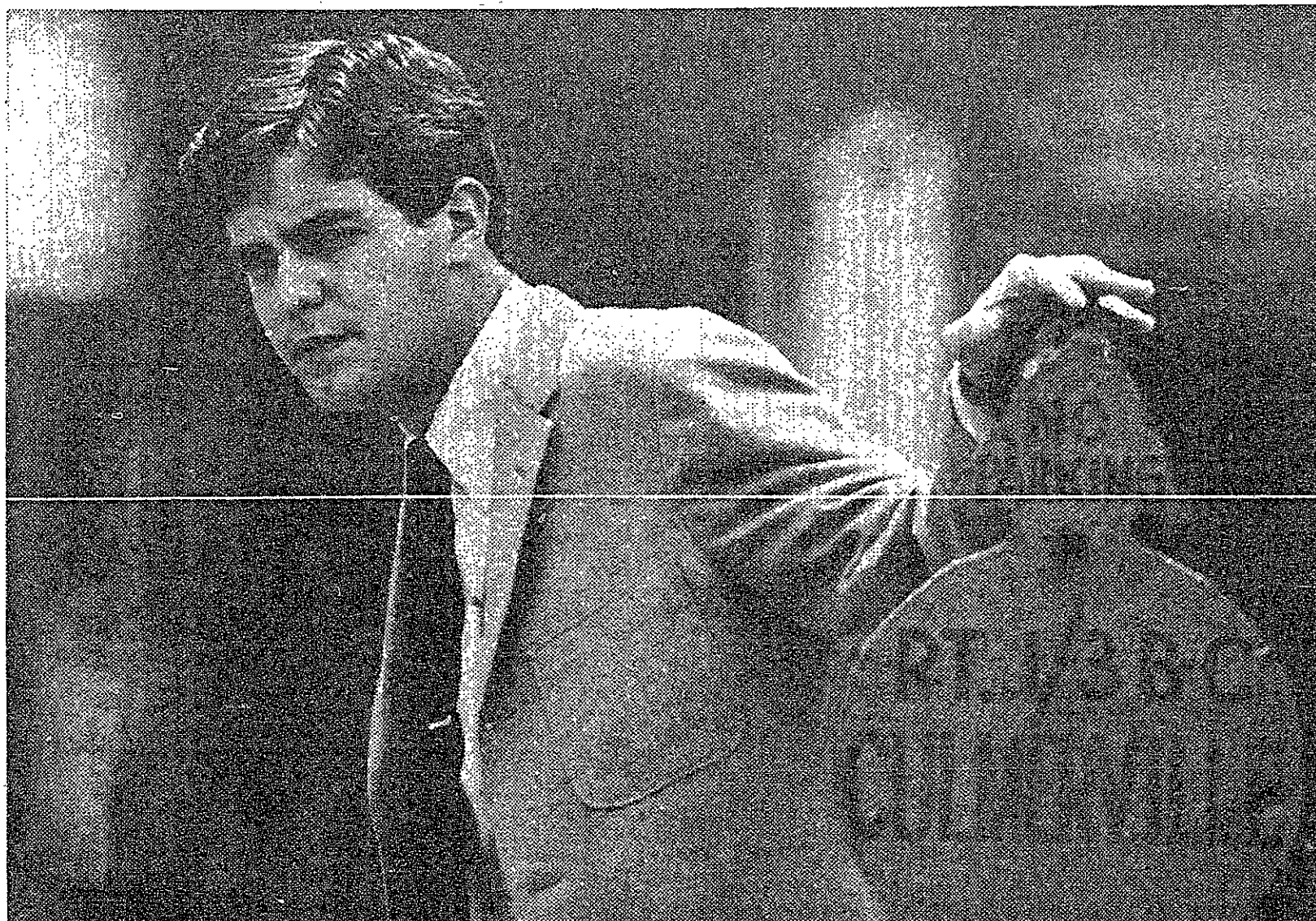
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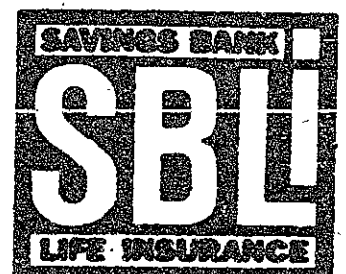
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## concert...

# Havens evokes charisma

By Randy Hawthorne

Saturday night Richie Havens came to MIT, gave a memorable performance and added another thousand people to his list of friends and admirers. To see Havens run through a set of songs is always a pleasure with the only regret is that he shows a reluctance to move on to newer and fresher material from time to time. Havens has changed somewhat in the past year of concerts and performances and probably the most evident aspect of the improvement is in his ability to handle an audience. Whereas the emotion and concern that he showed for his songs once seemed to be directed inward, now he is quite capable of transforming this feeling into a group thing. It is quite a performance that has an audience at various times clapping and singing along (with "A Day in the Life") and then standing and yelling for more when the time has come for the end.

### Interpretation

Outside of this, Havens has remained basically unchanged. In his live performances he pounds out his chord patterns on the guitar while his accompanist weaves an intricate and muted string of spiraling notes throughout the chordal phrasings. In his manner of interpretation and handling of words he excels. This becomes clearly evident in such a song as Boy Dylan's "Just Like A Woman" where Havens'

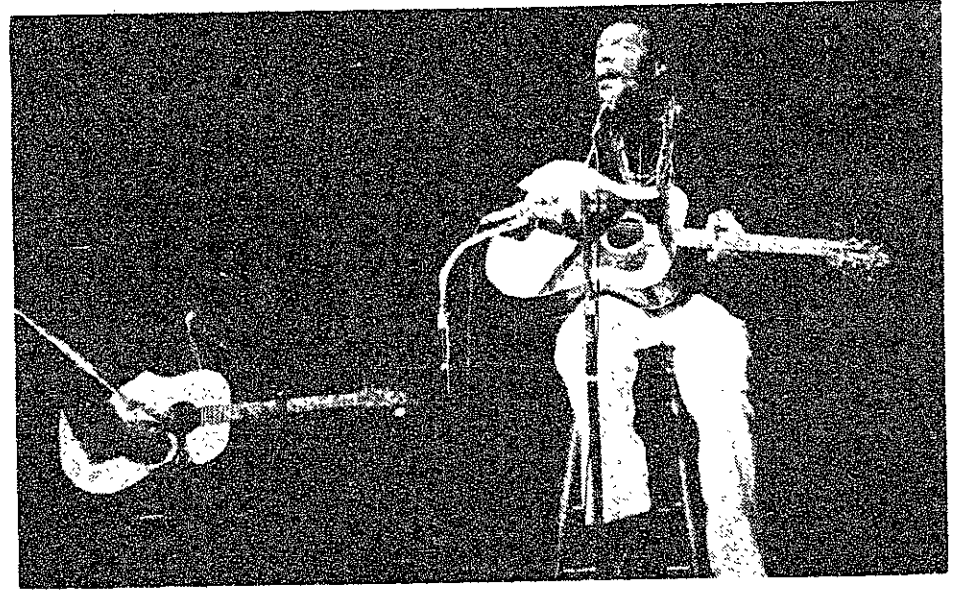


Photo by Al Goldberg

Richie Havens as he appeared in concert Saturday evening in Kresge, with his accompanist in the background.

careful phrasing and his vocal intonations coupled with the admittedly excellent words create a much more vivid and moving message than Dylan can offer in his singular monotone. The same can be said for his interpretation of "Strawberry Fields" where the simple clarity and emotion of his voice can make the complex thoughts of the song clearer in many respects that ever before.

### Communicates

Saturday night Richie Havens demonstrated what he does best. He communicated to his audience his ability to express a song, be it his song or someone else's, in his own style. He conveyed a characteristic simplicity of structure that is so devoid of gimmicks and eccentricities that it becomes a refreshingly honest and clean handling of the best in folk today. Richie

Havens has a conscience that is easily moved by riots and wars; and in this sense he becomes an outlet of emotions, emotions expressed in a very easily understandable way to the youth of today. He relates to the difficulties of today and the problems of yesterday. He communicates because he relates.

### Shoddy handling

The concert proved to be a total artistic and entertainment success. It was, however, marred slightly by the handling afforded by the sponsoring organization, APO. The performance, scheduled for 8:30 finally began sometime after 9. Also, in a more personal light. Scheduled interview with Havens was never kept, and the reviewer's tickets were sold. Too bad, it was a fine performance.

## Nixon victory set in poll of editors

MINNEAPOLIS (ACP) Richard Nixon will be the next president of the United States according to 91% of the nation's college newspaper editors. This was the result of a survey conducted by Associated College Press based on a poll of 7 percent of college editors selected randomly by the research division of the University of Minnesota's school of journalism and mass communication.

The editors, who classed themselves as 46% independent, 30% Republican, and 24% Democrat, indicated that if the election were held now, 50% would vote for Nixon, 37% for Humphrey, 14% each for George Wallace and Dick Gregory, and 10% undecided. When asked who they believed would be elected, 91% believed Nixon would win, while only 7% thought Humphrey would be the next president, with the remainder undecided.

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## concert...

## Seeger's pacifist stand supports war resistance

By Richard White

Pete Seeger appeared Friday night at Symphony Hall in a concert unusually devoted to the pacifist movement. Seeger normally seems preoccupied with the pure folk aspects of his songs. This is evident on his albums and his NET Television show (Sunday afternoon, 2pm on channel 2) where his concern is to present folk songs as the people of America, Ireland, Germany, Cuba, etc. presented them to him.

So it came as a great surprise, a very pleasant one, that Seeger used his concert to further the cause of peace. While almost every song was to some degree pacifist, the most entertaining was "Talking Baintree," and the most significant was "Muddy Waters."

## Talking Baintree

"Talking Baintree" is talking blues to which Seeger's banjo is well adapted. The proper function of the banjo is to talk blues hillbilly and solo country and western in the style of Flatt and Scruggs. When the banjo is used to accompany every song it loses its effectiveness. I only hope that Seeger uses his guitar more in future concerts.

"Talking Baintree" is the story of a southern (USA) city that is invaded by the Viet Cong. Of course, the local general orders a bombing attack to save the city; after all the VC look just like the citizens, so how can they expect to restrictively destroy only the VC? After the napalm, which led to only 2,000 deaths and 30,000 homeless the survivors thank the great American general for saving them. The analogy to Vietnam is too self-evident to bother explaining.

## Muddy Waters

"Muddy Waters" is Seeger's most controversial song. It has in fact been censored from NET telecasts in certain cities because it implies that the maximization of death, VC and American is the conscious desire of the American leadership. The song is the story of a platoon crossing a river that Sergeant Pete Seeger and the anti-war movement believes is too deep to safely cross, but the Captain, LBJ, demands that they ford even after they are unable to stand in water, leading to demise of the company, country, until the sergeant takes command. At the time it was written Seeger wanted the sergeant to take command before the river destroyed them.

This song was conspicuously absent from his New York Central Park concert this summer. Seeger felt it was too easy to sing the song for his responsive audience and it would be better if they would petition the television networks to ease their restrictions. But now his point has been made and the song may sung.

By his own admission at least one of the songs he sang was seditious, "Kisses Sweeter Than Wine." This was seditious in the sense that in the world today a person dies every 4 seconds of starvation. Such songs that advocate reproduction will have to be watched closely in the future.

## concert...

## Conservatory shows

By Steven Shladover

It is fortunate that Boston is a city where musical events of high quality can be had at little or no cost, as well as at high cost. A noteworthy example of the former case was the concert given Thursday night at Jordan Hall by the New England Conservatory of Music's Symphony Orchestra. This free concert, under the direction of Frederik Prausnitz, played to a half-full house despite the fact that no tickets were required.

The first half of the concert consisted of Beethoven's Overture, "The Consecration of the House", Op. 124, Ferruccio Busoni's "Berceuse Elegiaque", Op. 42, and Arnold Schoenberg's "Five Pieces for Orchestra", Op. 16. The first two works were played very competently, with solid brass support, but a slightly nasal string coloration. The Busoni, a subdued evocation of mood, was given an especially effective interpretation by the conductor. The chaotic Schoenberg work was not as successful, and the considerable demands for ensemble work which it requires seemed to be beyond the capabilities of the orchestra. The intricate rhythmic structure and difficult individual parts put this work in a class apart from the others on the program, which were more conventional.

After intermission, there was a single work, the Dvorak Symphony No. 5 in F, Op. 76 (Old No. 3). Unfortunately, this beautiful and melodic piece is little known and seldom played, being lost in the shadow of the final three Dvorak symphonies. In this symphony, the orchestra truly came into its own and

offered playing of a completely professional caliber. The string tone was highly polished, and for the first time in the course of the evening the woodwind section played an important part in the proceedings, which they carried off expertly. The brasses were generally fine, although there was the expected incidence of French horn fluffs. The most significant contribution to this performance, though, was Mr. Prausnitz's excellent interpretation. The melodic line was always clearly delineated and a

properly passionate, singing expression was used throughout. The performance, taken as a whole, was a delightful experience, despite the violin slips just before the coda.

Although Jordan Hall is a nice ideal place in which to hold a chamber or solo concert, it is not as successful with a full orchestra on the stage. Higher volume levels, the lower-pitched sounds become quite muddled and tend to obscure the rest of the sound. This is a minor complaint when the value of the concert as a whole is considered.

## theatre...

## Weak 'Benito Cereno' opens season at TCB

By Louise Barnett

The Theater Company of Boston opened its season with Benito Cereno. Although it is set in 1800, the play, adapted from a story by Melville, is a caustic commentary on contemporary hypocrisies. This production, unfortunately, also requires some caustic criticism.

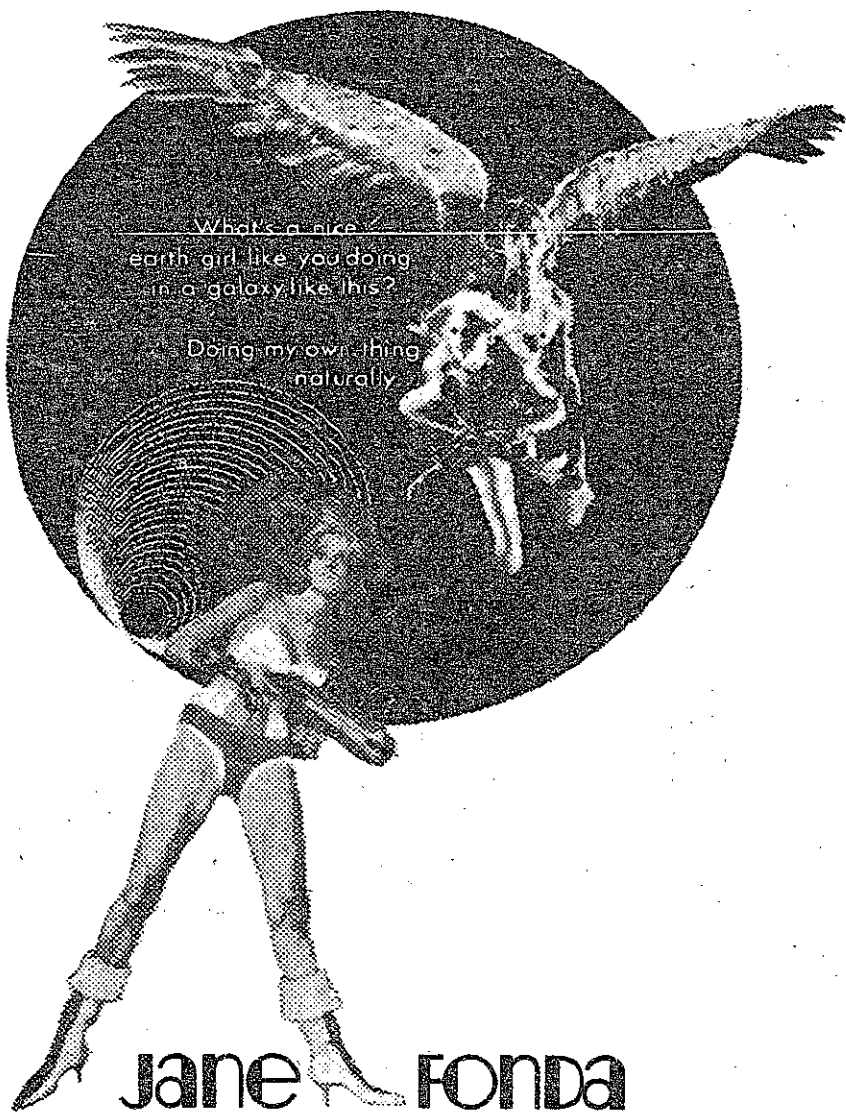
Lowell's dramatic poem has its faults, but rather than correcting them, directors David Wheeler and Frank Cassidy have emphasized them. In spite of the excellent job done by the principle actors, the amateurish attempts of the fledgling New African Company fail utterly to produce the appropriately languorous atmosphere that should have pervaded most of the play. They lend an atmosphere of a high school pageant more than

anything else. In addition, the stage departures from Lowell's original directions increased the dramatic imperfections and detracted from production's impact.

The play is set off the coast of Trinidad, where a cocky American trading captain sights a listing Spanish slave ship. Captain Delano, portrayed excellently by Larry Bryggman, goes to see if he can aid his fellow captain. Boarding the Spanish ship, he finds Benito Cereno in a dazedly ill condition, tended by a very solicitous Babu, (played by James Spruill.) The ship is in a most unseaworthy state but the illusion of ceremony and formality remains. As the proceedings, it becomes all too apparent how much of a shallow cover the proprieties are. Approaching the end, one realizes that the tradition violated never was, that Cereno is a pawn in the hands of the rebellious Negroes, and that Babu intends to force the American ship to return and his fellows to Africa.

Although Lowell's dramatic poem could have been stronger, his commentary could not have been more pointed (even though at this point Babu's warning cry to white society seems trite). And judging by the quality of acting offered by the cast and the choice of future offerings there is a good probability that this will be a worthwhile year for TCB.

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movies...

Sellers scores in hilarious Toklas

By Roy Furman

Once more Peter Sellers scores at the Beacon Hill Theatre in "I Love You, Alice B. Toklas" despite seemingly insurmountable odds. All the laws of philosopher-guru Marshal McLuhan have been defied by a humble comedian. The "cool message" of this movie is enough to send all the McLuhan purists screaming all the way to Canada. Possibly the whole medium is another subversive scheme of Sellers to fill a Swiss back account.

What is it about this movie that

makes its plot so tired, overworked, bromidic, and possibly revolting? It's a child of our times. It's Sellers reaching skyward in his Lincoln Continental circumnavigating the "double helix" of life — the multi-colored tiered urban garage. It's Sellers movie brother wearing the traditional Hopi Indian funeral garb to a Jewish funeral. It's the flower child, Nancy, showing the beautiful monarch butterfly hidden so many inches away from the hem of her mini-skirt. But for an even greater climax there's the typically stereotyped Jewish mother

tripping out a la 2001 on potted brownies. Can it be that Sellers would have the cold calculating skill, the sharply honed cunning to so capitalistically exploit the Generation Gap, the cold war of hippiedom versus the Establishment and reap the accolades of success? Sellers must have the Midas touch of comedy.

Sellers seems sane

All does not have the shimmering beauty and symmetry of a three-foot Jello center-piece. Sellers seems unreal as an almost sane, almost responsible, well-mannered, well-dressed, and filthy rich lawyer. One gets the disheartening feeling that he would let Sellers handle his legal work. The innumerable members of the Mixican family with neck braces for whiplash injuries, the lecherous law partner, the chatter-box fiancée, the hippie brother are strained caricatures. But when Sellers tunes in, turns on, and drops out the audience is swept along in mirth. Even the esoteric innuendoes such as "go pluck yourself," do not dampen the rollicking banter.

An old Chinese proverb says (paraphrased) "he who is sincerely funny can reap lotus seeds from chop suey." Ignore the McLuhan and the banalities of the plot and enjoy yourself with "I Love You, Alice B. Toklas", whoever you are!

movies...

'Romeo and Juliet' evokes tears, excitement and thought

By Peter Lindner

Shakespeare's drama is inextricably entwined with an image of profound theatre — spoken with deep, resonant voices in a somewhat foggy language. If your preference in playwrights swings from Greece's Aeschylus to Germany's Brecht without ever setting foot in the Bard's home territory, and if "Romeo and Juliet," for all its beauty, is but a love story when final considerations are made; then, "Romeo and Juliet" is the movie to dissuade you.

Despite some reservations that the movie version of "Romeo and Juliet," now playing at the Abbey Theatre, might lose some of its quality in order to appeal to a larger audience, the film succeeded there it could have easily failed. Some of the scenes were superbly acted. Minor characters, such as the nurse, who are usually emphasized for their comic relief are, in this production, given their proper perspective. Shakespeare's convention of creating an aura of authenticity in every moment is maintained, although not to an excess.

Perhaps the one characteristic that was most striking was the audience's ease in understanding the oft-times obfusca language of Shakespeare. An argument could be given that this was due to the well-known nature of the play, but chances are, the actors' easy going style and their clarity in diction kept a firm rapport with the viewers. Both Leonard Whiting and Olivia Hussey convincingly portrayed the youth, and in a sense immaturity, that Shakespeare intended for the parts. Juliet is supposed to be thirteen.) Mercutio, played by John McEnery, has given a vitality that adds much to the play's pace.

What makes this version of "Romeo and Juliet" sometimes rise above the advantages of the live presence of a

stage is the rich photography and pleasing soundtrack. They enable one to reflect upon the significant moments for periods of time which may have appeared hollow otherwise.

Aside from the film's "literary" merits, Franco Zeffirelli's production of "Romeo and Juliet" seems to be one of the best films of this year in terms of entertainment value. It is sure to win at least one Oscar award, and should do better than that.

theatre...

Caravan enacts Brecht's 'The Measure Taken'

By Bruce Laird

Strung between the choir lofts of Harvard Epworth Church, the Caravan Theater has this month produced a hauntingly effective version of Bertolt Brecht's secular cantata, "The Measure's Taken." Like many of his works, this one is patterned after the fourteenth century No-plays of Japan. Becht has merely supplanted the Buddhist ideology with a Marxist dialectic.

A "control chorus" addresses three Russian Communist agitators who have returned from a mission in China, and praises them for their success. But the agitators announce the death of one of their comrades, a compassionate, sensitive youth, whom the three were forced to kill when he jeopardized the entire movement by giving way to personal feelings. They ask for a verdict, and the chorus requests them to reenact the whole enterprise, that it may pass judgment. So the story of "The Measure Taken" is presented.

The play is prefaced and concluded with a short, frantic satire on the Democratic Convention in an attempt to draw a parallel between the turmoil of Germany in the thirties, which inspired the play, and the current political upheaval in America. This indulgence on the part of director Stan Edelson is more superfluous than instructive. The uncluttered Brechtian perspective, almost half a century old, needs no such introduction.

The stylized theater of Brecht is one of the play's strongest points, and the vitality and imagination of the talented cast more than compensate for its lack of sophistication. With remarkably well-coordinated staging and generally simplistic techniques, the four actors are able to create an appropriate surrealism for Brecht's message; and this aspect of the play alone makes the evening worthwhile.

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## MIT wins Brandeis Invitational, McKinley takes first in upset

By Jon Steele

This weekend the MIT tennis team finished its most successful fall season in history by winning the Brandeis Invitational Tournament. Bob McKinley '70 battled his way through the draw of thirty-eight to win the tournament, while Skip Brookfield '70 reached the quarterfinals; their combined victories placed MIT number one in the field of 19 teams.

On Saturday the tournament had to be moved indoors to the Lexington Tennis Club due to the rains, but the change in surface did not seem to handicap either of the Tech players. Skip drew a bye in the first round, then smashed his way through two easy victories to reach the round of eight. Here he met up with John Hughes, Holy Cross' top player and the number one seed of the tournament. Hughes' power was too much on the hard courts and Skip fell 8-4 in the pro-set match.

McKinley also advanced easily to the quarters, where he disposed of Rhode Island's Chuck Connerton. On Sunday the semi-finals were played outdoors at Brandeis. There McKinley eliminated Army's Rick Wilbur. Bob then Hughes for the championship. He continued his excellent play, hitting deep, steady ground strokes to wear down the Holy Cross ace in two close sets, 9-7, 6-4.

### Coach optimistic

This victory, combined with MIT's fifth place in the ECAC tournament at Princeton earlier this month, gives the Tech team its best fall season in history. Coach Crocker is very optimistic about the spring. McKinley is playing the best tennis seen at MIT since Bent Aesnas graduated in 1963.

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the performance on November 7th will begin at 8:00p.m. preceded by a short introduction by Dr. Frank Trommner, guest lecturer at the German Department, Harvard University. Reservations for this night should be made at 542-0792.

DONATIONS ARE ACCEPTED

He did extremely well in the summer New England tournaments, both in singles and with Manny Weiss '70 in doubles. This experience in tough competition should give him the poise on the court he lacked occasionally as a sophomore. Backing up McKinley are six returning lettermen who should provide the needed depth.

### McKinley

Riley (Assumption) 6-2, 6-2  
Young (Holy Cross) 8-4 (pro set)  
Wilbur (Army) 8-4  
Connerton (URI) 6-1, 6-2  
Hughes (Holy Cross) 9-7, 6-4

## IM sports

## Upsets mark playoff action

By George Novosielski  
SAE and BTP won as expected in the Trophy Division championships; but in the second and third tier of playoffs, underdogs rose to the occasion to defeat the favorites in four of eight games.

The Beta and SAE teams were both struggling against their opponents in the early going as they seemed to be looking forward to their next week's encounter. However, similar goal line stands with the score 0-0 by the defense units provided the impetus both teams needed to win.



Photo by Lou Tsien

Tom Chen '68 leads the blocking for an end sweep by Steve Schroeder '67. Schroeder scored twice on sweeps to lead BTP to a 20-12 win over LCA.

## UNH outruns harriers, 25-31

Although Ben Wilson '71 easily won his fifth race of the season Friday, the University of New Hampshire harriers followed with second, third, and fourth places to sew up the meet, 25-31. Wilson toured the Concord course in 23:06 - 22 seconds ahead of UNH's Vanier and Dunklee.

Jim Yankaskas '69 followed 11 seconds behind the third UNH runner to place fifth with 23:58. Larry Petro '70 trailed with 24:12 for sixth, Stan Kozubek '69 finished in 24:13 for eighth and John Owens '70 finished a distant eleventh with 25:24.

The engineers started off the race well, with a large group of Tech runners leading throughout the first half. But the hilly UNH course soon took its toll in stamina, and they began falling back. Although Wilson slowed for a while to try to keep the group together, he was soon forced to forge ahead, as it was evident that the engineers were not going to recover.

The varsity harriers will face a triangular this weekend with Williams and Tufts; they will have to approach practice with new enthusiasm if they are to regain last year's momentum.

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LCA drove to the Beta one-yard line for a first down, only to have an interception stop the drive. From then on, the Betas held the edge over LCA. BTP scored first on an end sweep by Steve Schroeder '67, which was set up by an interception inside the 20-yard line, but LCA struck back on a 40-yard bomb from quarterback Tom Tennison '66 to Rick Boettger '70. A second end sweep by Schroeder after another interception and a pass to Bill Pinkston '71 by Schroeder on a fourth and eighteen situation gave the Betas a little breathing room. Extra point reception by Joel Hemmelstein '70 and Pinkston completed the BTP scoring. LCA tallied again late in the game on another aerial to Boettger to make the final score 20-12.

### SAE holds Burton

SAE blanked Burton House, 14-0, in the rain despite a strong effort by the losers. Burton had a first down on the SAE three-yard line in the first quarter, but was forced to give up the ball on downs as the SAE defense held. This was the closest they came to scoring as the SAE defensive unit seemed to get stronger as the game progressed. Ken Weisshaar '72 ran in from the 15-yard line on a broken pass play and then tossed the extra point to Jack Anderson '69 to make the score 7-0 at halftime. In the second half Rich Freyberg caught a Weisshaar pass for SAE's other TD and a Weisshaar-Minot Cleveland '71 completion netted the final SAE point.

In the second tier of playoffs DU upset PDT, 13-6, to win its fourth straight game. Dave Hodges '71 passed

for both touchdowns, one to Terry Hammons and the other to Steve Gass '72. The Phi Deltis scored on a Ernie Ascherman '67 toss to Lloyd Wilson '69, but this was not enough as they dropped their fourth straight.

PLP shut out SAM, 16-0, in another upset of a Trophy Division team. Bob Kattel '70 flipped to Ken Schwartz '69 on a short play and then threw a 60 yarder to Ed Jemigan '69 for Pi Lam's touchdowns. The winners added a safety on a bad snap from center.

A fine defensive game by Dean Schneider '69 sparked the Deltas to a 6-0 victory over SAE 'B'. Jim Shields '71 passed to Frank Taylor '71 for the only score of a game played in a continuous rain. Theta Chi tipped PGD, 12-8, as Hal Jones '67 and Kal Laanaments '69 hit paydirt with pass receptions. A long bomb to Dick Stokes '71 from John Malarky '71 and

a safety were not enough to win for.

In the third tier of playoffs, upsets were registered by B league Student House and Sigma Chi over A league AEP and Baker House respectively. Student House crushed AEP, 22-7, as Mike McClure '72 tossed three TD's. Fred Andree '70 caught two of them and Dick Blanchard got the other. Sigma Chi whitewashed Baker House, 6-0, as Phil Abbott '71 scored on a pass from Charley Foglesong '71.

Kappa Sigma and ATO struggled to a 0-0 tie in double overtime but the Kappa Sigs won on first downs, 4-2. Neither team was able to generate an offense as there were numerous interceptions and dropped balls, partly due to the unceasing rain. SPP overcame Burton 'B', 12-6, as George Katsiaficas '70 and Dick Hood '70 caught touchdown passes from Tom Pipal '71.

### Early lead fizzles

## Winless kickers fall to Amherst in rain, 4-1

By Ron Cline

The varsity kickers, playing under drenched conditions, fell back after taking an early lead and lost to a traditionally strong Amherst team 4-1. An early goal by Bob Cole '69 failed to initiate the needed momentum and the engineer offensive thrust slogged to a halt.

It looked as if the booters were on their way to a possible upset when the first quarter ended. Jerry Maskiewicz '71 set up the engineer score when, after dribbling the ball down the center of the field from his center halfback position, he passed to right wing Stan

Sheppard '70, who quickly relayed it to Coles at center forward. Coles then pushed in the shot to put Tech ahead 1-0.

### Effect of rain

Rain constantly plagued both teams as, in the words of one of Tech's players, "The first half of it rained continuously; the second half it poured." But Amherst began to find its way in the deluge and knotted the score in the second quarter. The engineers were unable to reply, and three more goals in the second half sewed up the game.

Ball control was more balanced than the final score indicated; a shift by Coach Morrison of Dave Peterson '71 to half probably aided in this respect. Bob Busby '70 gave a very good performance at his defensive position, and Aaron Tovich '71 did an excellent job in filling in for All-Star Jeff Reynolds.

### How They Did

#### Soccer

Amherst 4-MIT (V) 1  
Harvard 7-MIT (F) 1

#### Cross-Country

UNH 25-MIT (V) 31  
UNH 21-MIT (F) 37

#### Tennis

MIT first in Brandeis Invitational  
Sailing  
MIT won Finn Trophy  
MIT won Tufts pentagonal  
MIT won Holy Cross Invitational

### On Deck

#### Today

Soccer(F)-Tufts, home, 3:30 p.m.

#### Tomorrow

Soccer(V)-Brandeis, home, 3:30 p.m.

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## Tech Judo Club teaches ancient art of self-defense

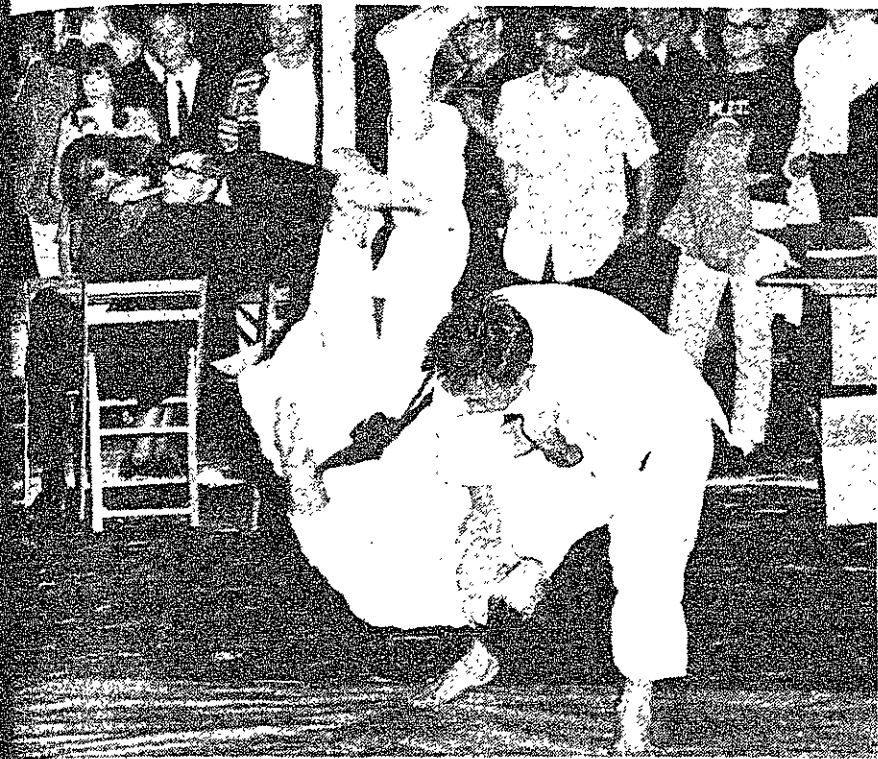


Photo by Bill Ingram

Harry Yanagi, a fifth degree black belt and head instructor throws Hay Doen in an exhibition at the Freshman Midway. Doen is a second degree black belt.

Seeeeeaaaah! Anyone passing by the exercise room on Monday, Wednesday, Friday or Saturday is often treated to the sight of bodies flying through the air and landing with a crash. On another side of the mat area two people are trying to take each other into submission: Next to them a person has just surrendered to a armlock. These people are learning the gentle way "Judo."

Sport Judo began around the turn of the century in Japan when Jiguro Kano began refining the ancient self-defense arts. Mr. Kano showed that even a very strong person is temporarily weak when he is not on balance. A small person who is on balance can beat him. He knows what to do at that instant. Judo or Judo player studies Judo to learn what to do.

As Judo clubs go, the MIT club is small—having only about 30 members. The opportunity for advancement in Judo knowledge, however, is excellent. The club has three regular black belt instructors. Mr. Harry Yanagi is the head instructor. He is president of the New England section of the United States Judo Federation and holds a fifth degree black belt. The other two regular instructors are Mr. Robert Moore, second degree black belt, and Mr. Xavier Maruyama, first degree. A frequent guest instructor is Mr. Kamura who holds a sixth degree black belt.

The question is often asked as to how fast one can earn the various ranks. With hard work (the only qualification for Judo) one can get a brown belt in two years and a black belt in five. Some people of high ability take half as long and others twice the normal time. The higher ranks of black belt are very difficult to obtain. Mr. Kamura, a man of great ability, has been doing Judo for thirty-five years.

Anyone interested in Judo should stop by the Exercise Room in DuPont Hall on Saturdays between one and three o'clock or contact George Biehl '70 at (617) 139 (SAE). Lessons are free and all faces are always welcome, with or without experience.

## Sailors take three meets

By Don Arkin

The MIT varsity sailing team displaying its fine depth, entered two meets on Saturday and one on Sunday and easily won all three.

The first meet was a pentagonal at Tufts. The final score was MIT 5, Tufts 11, Brown 14, Yale 15, Providence 17. Skipper Bill Michels and his crew, Chuck Wayne '70, won both of their races in the B division, making Michels the high point skipper of the meet. In A division skipper Pete Nesbeda '71 and his crew Dana Pettegill '71 won their first race but had to settle for second in their other one. This made Nesbeda second high point skipper.

The regatta was hampered from the beginning by rain and strong, shifty winds. This finally caused the regatta to be stopped after the fourth race. The engineers also sent skippers to compete with eight other schools for the Finn Trophy

on the Charles River. Dave McComb '70 and Chris Peitjen '71 were the skippers for MIT in these single-handed races. MIT won easily.

On Sunday MIT participated along with 10 other teams in the Holy Cross Invitational. The first three finishers were MIT 16, Harvard 34, Holy Cross 53.

Skipper Bob Berliner '70 and his crew Dana Pettegill '71 competed for MIT in A division. Tech's B division representatives were skipper Steve Milligan '70 and his crew Rene Haaf '71. Both Bob and Steve were high point skippers in their divisions. Their fine performances allowed them to bring the Bishop Donahy Bowl back to MIT.

Busy weekend ahead

This weekend will also be busy for the engineers. On Saturday and Sunday they will be competing for the Nevins Trophy, the White Trophy, and the Hoyt Trophy. Also on Saturday they will be competing in a nonagonal at Tufts.

## Harvard tops kickers 7-1 as Ghanan stars

The freshman soccer and cross-country teams both suffered defeats against traditional rivals this past weekend. The soccer team travelled to Harvard, where they lost 7-1; while the cross-country men fell to their hosts from Concord, the University of New Hampshire, by a 21-37 score.

Saturday morning's soccer game with Harvard was a definite mismatch, but the Tech frosh played admirably. Harvard offers many soccer scholarships to potential players all over the world. As a result, their team was composed of many foreign athletes with years of soccer experience. In this game, Harvard was paced by Charlie Thomas, who scored four goals. Thomas was high scorer in a Ghana league

before coming to America. The Crimson played a very well-balanced game, scoring twice in each of the first three periods and once in the last. On the other side, Glen Dining registered the engineers only tally in the third quarter. Despite the almost insurmountable odds, MIT showed lots of spirit and desire, never giving up the fight.

Harriers lose

In cross-country, New Hampshire showed a very fine team effort in topping the Tech harriers. UNH, paced by Pregent in 13:17, took the first three places, as well as seventh, eighth, and ninth. Craig Lewis was first across for MIT, finishing fourth in a time of 14:05. Rich Goldhor and Chip Kimball followed in times of 14:25 and 14:28. Bob Myers finished tenth and Allan Kirkpatrick was twelfth to round out the scoring. This Saturday the team will participate in its fourth and final triangular meet—this time against Tufts and Williams, before beginning the open meets for Greater Boston and New England which conclude the season.

## Professionalism at Grumman ...is personal development programs

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### Tuition Reimbursement Program

Directly applicable to their work, these programs offer engineers and scientists financial assistance for graduate studies at the many institutions in the Long Island-New York area.

### In-Plant Courses

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### Professional Development Programs

Lasting for 2 years, participants are given, in 4 six-months' terms, an exposure to Grumman operations which broadens their technical knowledge, sharpens ability to make sound decisions, and raises their career potential. Separate programs serve individuals in Business Systems, Engineering and Manufacturing.

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### Senior Management Development

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### Basic Principles of Supervisory Management

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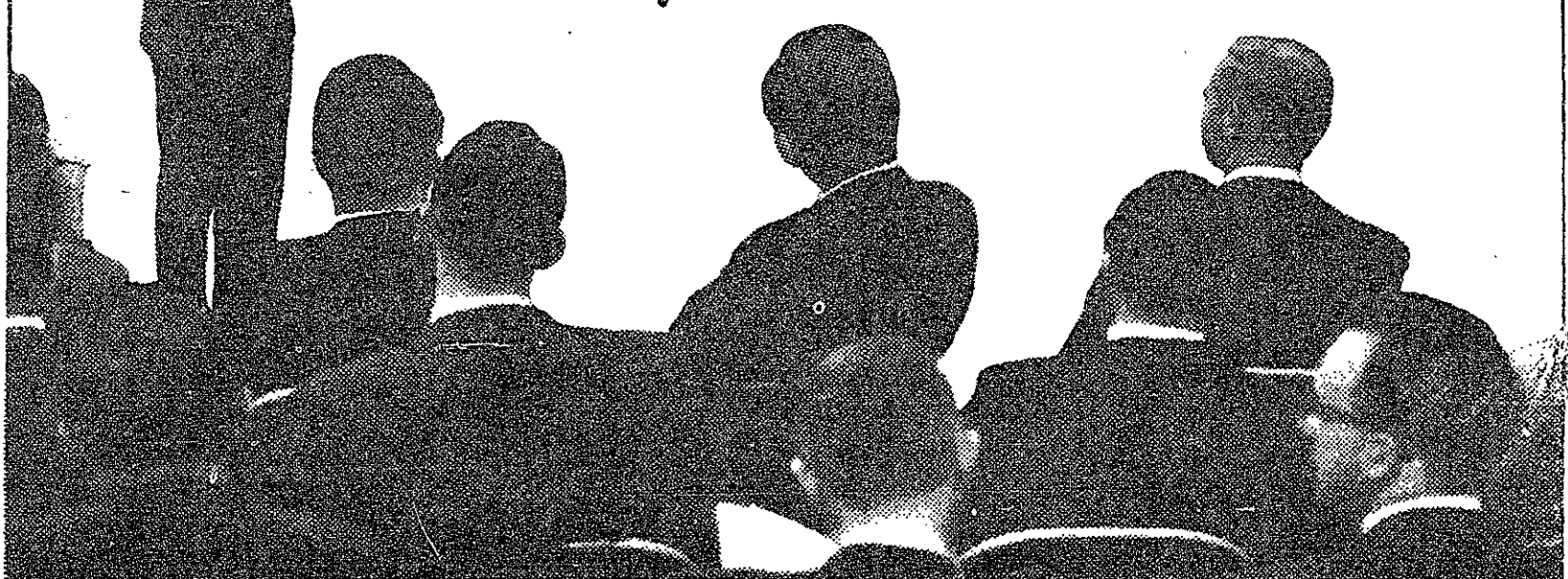
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# What next for Inscomm? — a discussion

(Continued from page 1)

## News analysis

The problem of group effectiveness is one that every responsible organization must face in the course of its existence. However, after observing Inscomm throughout the past term, I feel that a structure change is nowhere near an answer to the problem. If it can be argued that the members of Inscomm are ignorant of the wishes and attitudes of a large segment of the student body, is changing the structure in which these people who are interested in student government operate going to make them more knowledgeable? The effectiveness of any body can only be a sum of the individual members' effectiveness. Therefore, can a change in structure help? If it can be argued that Inscomm does not address itself to the major problems that face the student body, will a change of structure change what is put on the monthly agenda? Only the people who comprise Inscomm can do that. If you believe that Inscomm does not efficiently handle the business that comes before it, then examine the structure; however, if your quarrel is with the business that Inscomm handles, then address yourselves to the

## Finances listed as prime cause of work delay

(Continued from page 1)

The removal of plaster from the sixth floor ceiling of Runkle Hall was followed by several months during which the laths showed through and general appearance was poor. Complaints by the residents resulted in the painting of the ceiling according to the scheme as outlined by the architects.

### Paint delayed

Two days before the end of last term, a list of those students who wanted their rooms painted was circulated. Gross claims that over eighty rooms in East Campus were listed but only a few from Senior House. Any students whose names were on the list had paint waiting for them this past September. But those who decided to paint their rooms after returning from vacation were faced with somewhat of a wait until the order of paint could be delivered. The delay, says Gross, is with the paint firm, and the students will get the paint as soon as it is delivered.

Despite the problem of financing upkeep of the residence halls, over the past few years improvements, including the remodeling of Burton House and the painting of East Campus, have been noted. In Senior House itself overdue painting in some of the halls has been completed and light fixtures have replaced exposed bulbs.

who comprise it.

As far as the actions of Mathis and Miss Kivisild go, I can only say that I feel them to be a childish and, probably detrimental, attempt to solve this problem. Although I know both of them and consider them to be individuals of the highest personal integrity, actions of this sort can do little to improve the status of Inscomm in the eyes of anyone. I particularly feel that the walk-out at the end of the meeting was to the disrepute of its participants. Under the Undergraduate Association Constitution, such an act could be considered dereliction of duty and as such, grounds for impeachment.

## On consortia

(Continued from page 1)

In the meeting, President Johnson also announced the composition of the previously-announced committee which will investigate the Institute's affiliations with consortia of educational and research organizations such as Brookhaven National Laboratory and the Institute for Defense Analyses. The committee was formed to help determine what the Institute's policy should be concerning associating the Institute's name with these groups.

### Charge to committee

The ad hoc committee has been instructed to: "a) Assess the process by which MIT as an educational institution engages in these varieties of ways of committing MIT's name to outside education and research efforts and activities and to develop criteria for guiding such engagements in the future.

b) Assess the process by which MIT monitors the continuing usefulness and effectiveness of organizations with which we associate in such efforts and to suggest and recommend ways in which we can improve the process.

"c) Assess the process by which MIT evaluates the outcome of such membership at their conclusion and to propose additional methods, if needed, for our specific and future guidance."

The committee, which is the only Institute committee extant comprised of members of both the faculty and Corporation, includes: Gordon S. Brown, Dugald C. Jackson, Professor in Engineering, Chairman; Frank Press, Professor and Head of the Department of Geology; Ascher H. Shapiro, Professor and Head of the Department of Mechanical Engineering; John F. Elliott, Professor of Metallurgy; Robert I. Hulsizer, Professor of Physics; Slavador Luria, Professor of Biology; Eugene B. Skolnikoff, Professor of Political Science and John D. Sheehan,

Although no one that I know of is planning such an action, this facet of the Constitution points out the seriousness of the action. In fact because of the disruption of the meeting, a rather important and serious motion (to consider the possibility of membership in the National Student Association) was never attended to. Although I can reconcile the idea of putting some life into the more complacent members of Inscomm with a wild motion, any conduct which impairs action upon an important motion cannot be tolerated. If such "pranks" continue, the repercussions could be considerable.

# New committee appointed

Professor of Chemistry. Corporation members on the committee include Dr. Vannevar Bush, Dr. James-B. Fisk, Dr. George W. Thorn, and Mr. David A. Shepard.

### Humanities credit

One relatively minor point which brought forth considerable debate was the motion to increase the credit given for upperclass humanities courses from eight to nine units. This provision will be effective beginning with the class of 1973. One of the major arguments which secured the passage of this measure was the fact that majors in humanities and social science must take six subjects in order to take the required forty-five units per term.

Professor Walter Rosenblith, Chairman of the Faculty, told the meeting that the Committee on Educational Policy will undertake a comprehensive re-evaluation of the Institute's system of allocating credit units for subjects. He expressed a hope that SCEP, the professional societies, the course honoraries and course student-faculty committees will participate in this effort.

At present, the Committee on Educational Policy is divided into five task forces. One of these, headed by Professor O'Brien, is currently examining the freshman chemistry requirement. Professor Anthony French is heading another task force; this group is currently engaged in a re-evaluation of the core curriculum. A report of this group, including recommendations, is expected in the near future.

Professor George Valley is engaged in heading a third group which is studying the possibilities and opportunities involved in setting up a curriculum far more liberal than the current programs. Another group, headed by Professor James Munkres, is studying the Institute calendar in an effort to produce a more productive yearly schedule. One possibility which is being examined is that of ending the first term with Christmas vacation and using the month of January for independent study or other unusual activities. The final task force, headed by Professor Everett Hagen, is the one formed last year to evaluate the results of the freshman pass-fail experiment. In a routine report of the

## Interview a 12-year-old next week.

Digital is one company that hasn't had time to ossify. We've been too busy growing. In just 12 years, we've become the fifth largest computer manufacturer in the world, measured in total installations. We've led the small computer revolution. And our growth continues to be phenomenal with \$57 million in sales last year — a 47% increase over the previous year.

We haven't done this by placing people in boxes on organization charts, and we don't intend to start now. If you're interested in any areas of modern computer technology — from engineering and programming to marketing and personnel — we're interested in you. Make an appointment at your Placement Office to see our recruiter on campus next week. We don't mind if you're a little older than we are. Digital is an equal opportunity employer.

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# Democracy vs. oligarchy

By Tony Lima

Resolved: that the present Student Government, exemplified by the Institute Committee, is not representative of student interest. We, support an open forum on the nature and future of student government. This forum should provide for a display of proposals and ideas with mechanisms for addition and feedback from the entire student population. This forum should be implemented as soon as possible.

These are the words on the petition

which was circulated yesterday in lobby of building seven. There actually only two things about motion which brought this about were surprising. The first was the spontaneity. Apparently, none of members had even discussed any sort of motion on reorganization before the meeting. Second unexpected thing was that members of Inscomm were willing put up for so long with the seemingly endless stream of committee resolutions generated on this subject. It was surprising that a motion such as was not made far in advance.

As for the future of Inscomm meeting which Dick Moen '69 for tomorrow night has been offered changed to an Institute Committee meeting. The first item on the agenda will be the above petition, and it not be referred to committee again.

It seems that, no matter the Institute Committee will have change. Maria Kivisild '69, UAP, is only member who has authority to a meeting of that body. She, as one of those who voted in favor of abolishment, is not likely to do so at the event of unfavorable action on resolution tomorrow night. It appears that Inscomm is faced with unpleasant (for some members) prospect of changing or dying.

# Wood forecasts progress of housing development

(Continued from page 5)

they are allowed to provide tenant services.

Within twenty years, there will be 100 million new urban Americans, Wood forecast. Where will they be

located? Will jobs be available? We called for people who think the country can change radically. He would not "presume to specify what American community should be" noted that the constraints are known there are intractable facts of urban that must be faced.

## 8.03T(S) plan needs more study

(Continued from page 3)

which "turned him on," and most did.

### Saturation

Saturation did pose a problem, and Professor King advised anyone considering 8.03T(S) as a special cram course in physics to realize that saturation was likely. In an effort to combat saturation, great liberty and freedom was employed in an effort to make the course interesting.

In order for this particular course to be exportable to other colleges, it is felt that the instructor must be an individual with great interest in teaching, a great working knowledge of physics, requisite self-confidence to face 20 intelligent students and lecture extemporaneously and great physical stamina. The students themselves tended to interact among themselves much more than normal, and this reaction was fostered by the fact that they all lived in Random Hall. Consequently, the students tended to become more open, adjusting to evaluation better, and becoming less "toolish."

Perhaps Professor King's evaluation is the most comprehensive: "... while this course cannot be adapted to the whole university, ... it may be of benefit to certain students in courses other than physics ... but more experimentation with this manner of presentation is needed ..."

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Wood views it as a national mission remarking that it has always been characteristic of this nation that once mobilized it could move very far.

Dean Siegel closed the speeches with a thought from Ambrose Bierce, that loquacity is "that state of listening when you want to talk." Saturday gave the Sloan Fellowship chance for some response in their group seminars, offered mostly teachers from the Sloan School. The purpose of the day seemed to be an effort to bring the representatives of the real world up to date with the theory of the academic world. There was some debate about whether what was presented was in accordance with what actually takes place, but the whole weekend did give businessmen a chance, in President Howard Johnson's words, ("to again into the river of learning, though somewhat off the main course.")

## THE COOP

### ANNUAL MEETING

The annual meeting of the membership of the Harvard Cooperative Society, in accordance with Article XIV of the By-Laws, will be held in .

Cambridge High & Latin Auditorium  
Corner Broadway & Trowbridge St.  
Wednesday, Oct. 23, 1968

5pm

Member who have joined since July 1, 1968, are Participating Members and are cordially invited to attend. Please bring Coop Card and Bursar Card for identification for admittance to Auditorium.



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